```java
public void transferTo(BankAccount b, int amount) {
    BankAccount smaller;
    BankAccount bigger;

    if (this.acc < b.acc) {
      smaller = this;
      bigger = b;
    }
    else {
      smaller = b;
      bigger = this;
    }

    synchronized (smaller) {
      synchronized (bigger) {
        this.balance -= amount;
        b.balance += amount;
      }
    }
  }
```